



Powder Metallurgy Association of India

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PM PRODUCTS - TOOL DESIGN PROCESS

17th - 18th October 2023 (Online Mode)

The Powder Metallurgical Association of India, an association of Indian and overseas PM professionals from the industry, research laboratories and academia is conducting a three-day course on Tool Design Process for PM Products in offline mode at Dept. of Metallurgy and Materials Science, COEP Technological University (Unitary Public University of Govt. of Maharashtra) Pune-411005. The course presents in-depth overview of compaction process and design of tools for new and prospective entrants to the PM product design and existing PM components manufacturers.

PROGRAM SCHEDULE

Time	Day 1 (17th October 23)
09:30-10:30	Basics of Powder Metallurgy ➤ Powder, Compaction & Sintering
10:30-11:15	Compaction – Fundamentals
11:15-11:30	Tea Break
11:30-13:15	Compaction – Fundamentals Contd...
13:15-14:00	Lunch Break
14:00-15:30	Compaction – Interrelation between Product & Tool Design
15:30-15:45	Tea Break
15:45-17:15	Tool Friction & M/Q Ratio
17:15-18:00	Exercises

Time	Day 2 (18th October 23)
09:30-11:30	Elasticity of Tools & Product Quality
11:30-11:45	Tea Break
11:45-13:15	Tool Design Process – Product to Tool
13:15-14:00	Lunch Break
14:00-15:30	Tool Design Exercise
15:30-15:45	Tea Break
15:45-16:45	Tool Design Process – General Assembly
16:45-17:30	Exercises
17:30-18:00	Final Question & Answers / Concluding Remarks

Registration Fees: 5000/-

Registration details Name, Designation, Organization, Phone, Email along with Proforma tax invoice of payment details must send to director@pmai.in. Registration and online payment can also be done at www.pmai.in

All communication may address to director@pmai.in, Unit 401, K Square, P.K. Shroof Road, Near Union Bank, Baner, Pune - 411045, India



About Speaker: Sanjay Rastogi

A 1987 graduate in mechanical engineer from NIT Allahabad (U.P). He has more than 35 years of experience in automotive industry out of which 30 years in PM. He has worked with Indian and Multinational companies like Sundaram Fasteners, Federal Mogul, GKN Sinter Metals, covering areas of Product Development, Manufacturing Engineering, Quality Management, Tool Manufacturing, Operations, Sales, and Business Development. In his last role at GKN as Director Engineering was responsible for engineering function including tool manufacturing for Indian and South African Operations.